

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-760 REV. G OR LATER APPROVED REVISION AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-760 REV. 5 OR LATER APPROVED REVISION

REF. TCCA STC: SH07-37
REF. FAA STC: SR02492NY
REF. EASA STC: IM.R.S.01361
REF. ANAC STC: 2009S08-18
REF. ANAC STC: 2009S08-19
REF. ANAC STC: 2009S08-20

1.0 PURPOSE:

The purpose of this Dart Service Instruction (DSI) is to provide customers with a part number for a D412-760-011 Cabin Floor Protector Kit with the D412-760-311 Traction Strip Kit pre-installed.

2.0 INSTALLATION PROCEDURE:

- 2.1 Locate D5538-1/-3 Traction Strips included in the D412-760-311 Traction Strip Kit per Figure 1.
 - 2.2 Traction Strips must be applied to the textured face of the Cabin Floor Protector Panels.
 - 2.3 Ensure the textured surface is clean and free of dirt and/or debris. Clean surfaces with Isopropyl alcohol.
 - 2.4 Locate the D5538-1/-3 Traction Strips in the desired location. The Traction Strips should be located 0.25" - 0.50" (6mm - 13mm) from the edge of the cabin floor protectors as shown in Figure 1 Detail A, to prevent the Traction Strip from peeling.
 - 2.5 If the Traction Strip is located on one of the "voids" on the cabin floor protectors, as shown in Figure 1 Detail A, transfer mark the shape of the "void" to the back face of the Traction Strip and trim the strip, prior to installing the Traction Strip. Ensure that the edge of the strip is 0.25" - 0.50" (6mm - 13mm) from edge of the "void" as shown Figure 1 Detail A.
 - 2.6 Peel back the backing and install the tape section.
- Note:** Tape will stick immediately. It is not acceptable to remove and reapply.
- 2.7 Press on the tape section and smooth out any air bubbles.
 - 2.8 Install the modified Cabin Floor Protectors per IIN-D412-760 Rev G or later approved revision, Section 3.0.
 - 2.8 Update the Aircraft log book to record installation of the DSI 9781-011 Cabin Floor Protector Kit With Traction Tape Kit and update Aircraft Weight and Balance with the weight and balance data provided in section 4.0 of this document.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: 
D. SHEPHERD (DE # 02)

DATE: 17.05.09
CERT. NO.: SH07-37
ISSUE NO.: 3

APPROVED

A	NEW ISSUE	AJS	17.05.09
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	WM	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9781	SHEET 1 OF 3
APPROVED	WM	TITLE	FLOOR PROTECTOR KIT WITH SCALE
DE APPR.	DS	TRACTION TAPE	NTS
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3.0 PARTS LIST:

ITEM	QTY -011	P/N	DESCRIPTION
	X	DSI 9781-011	CABIN FLOOR PROTECTOR KIT WITH TRACTION TAPE
1	1	D412-760-011	CABIN FOOR PROTECTOR KIT
2	1	D412-760-311	TRACTION STRIP KIT, BLACK

4.0 WEIGHT AND BALANCE:

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
DSI 9781-011 Cabin Floor Protector Kit With Traction Tape (205A-1/B, 210, 214B/B1 and 212 models)	38.2 lb 17.4 kg	0 in 0 m	0 in-lb 0 m-kg	113 in 2.87 m	4317 in-lb 49.9 m-kg
DSI 9781-011 Cabin Floor Protector Kit With Traction Tape (205A-1/B, 210, 214B/B1 and 212 models) (Installed for compatibility with LH auxiliary fuel tank)	34.2 lb 15.6 kg	4.33 in 0.110 m	148 in-lb 1.72 m-kg	108 in 2.74 m	3694 in-lb 42.7 m-kg
DSI 9781-011 Cabin Floor Protector Kit With Traction Tape (205A-1/B, 210, 214B/B1 and 212 models) (Installed for compatibility with RH auxiliary fuel tank)	34.2 lb 15.6 kg	4.33 in 0.110 m	148 in-lb 1.72 m-kg	108 in 2.74 m	3694 in-lb 42.7 m-kg

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DRAWN	AJS		
CHECKED	WM	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9781	SHEET 2 OF 3
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	FLOOR PROTECTOR KIT WITH TRACTION TAPE	NTS
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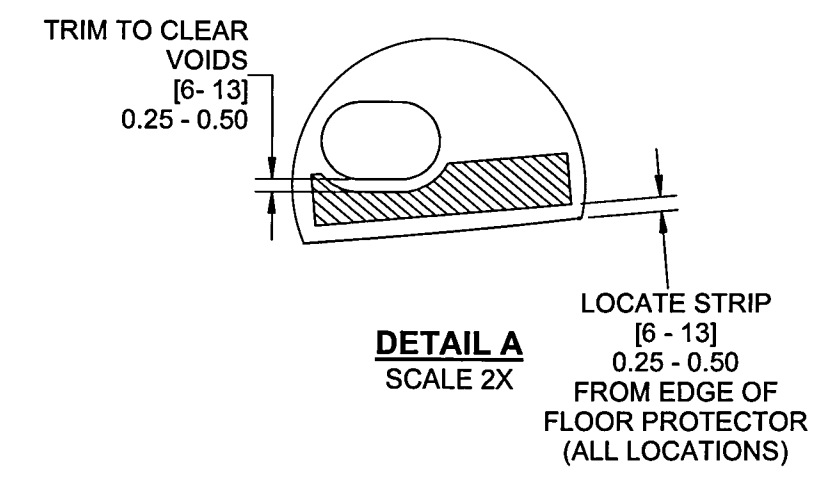
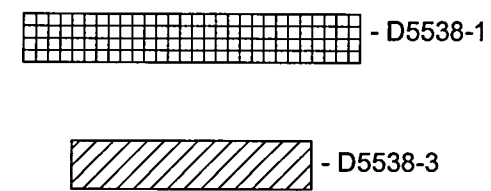
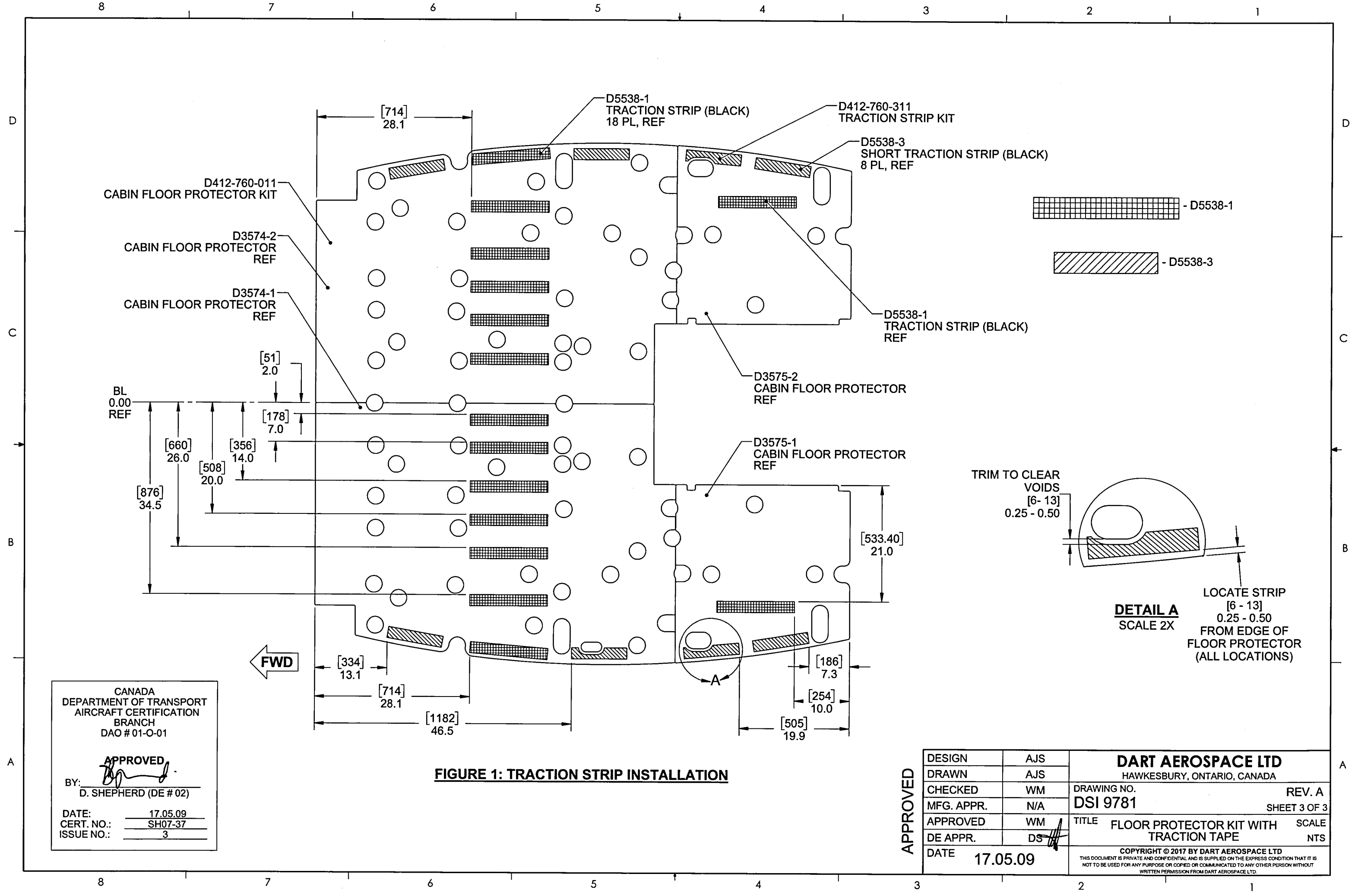


FIGURE 1: TRACTION STRIP INSTALLATION

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AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

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D. SHEPHERD (DE # 02)

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CHECKED	WM	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9781	SHEET 3 OF 3
APPROVED	WM	TITLE	FLOOR PROTECTOR KIT WITH SCALE
DE APPR.	DS		TRACTION TAPE NTS
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